

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for transmitting audio information, comprising:
 - synthesizing a carrier signal and a side band signal;
 - encoding the side band signal with the audio information;
 - transmitting the carrier signal and encoded side band signal to a plurality of transducers; ~~and~~
 - transmitting the carrier signal and encoded side band signal from the plurality of transducers; and
 - actively adjusting a phase of the carrier signal and the encoded side band signal transmitted by one of the transducers relative to a phase of the carrier signal and the encoded side band signal transmitted by another of the ~~transducers~~; transducers for the purpose of controlling the directivity or focus of a hypersonic beam produced by the signals.
 - ~~whereby the signals transmitted by the plurality of transducers produce a variably focused and directed hypersonic beam.~~
2. (Original) The method of claim 1, further comprising:
 - generating a plurality of signals based on the encoded side band signal and the carrier signal;
 - adjusting phase relationships of the plurality of signals to form the focused hypersonic beam; and
 - generating hypersonic wavelets, each of the wavelets generated based on one of the signals.

3. (Original) The method of claim 1, further comprising:

selecting one or more carrier signals;

encoding one side band signal with unique audio information for each of the carrier signals; and

transmitting the carrier signals and encoded side band signals in one or more focused hypersonic beams, each of the hypersonic beams aimed at a different direction than other one of the hypersonic beams.

4. (Original) A computer readable medium or a modulated signal being encoded to perform the method of claim 1 in conjunction with a hypersonic transducer.

5-18. (Cancelled)

19. (Currently Amended) A hypersonic transducer, comprising:

means for synthesizing a carrier signal and a side band signal encoded with audio information;

means for transmitting the carrier signal and the encoded side band signal to a plurality of transducers; ~~and~~

means for transmitting the carrier signal and encoded side band signal from the plurality of transducers; and

means for actively adjusting a phase of the carrier signal and the encoded side band signal transmitted by one of the transducers relative to a phase of the carrier signal and the encoded side band signal transmitted by another of the ~~transducers~~; transducers for the purpose of controlling the directivity or focus of a hypersonic beam produced by the signals.

~~whereby the signals transmitted by the plurality of transducers produce a variably focused and directed hypersonic beam.~~

20. (Cancelled)